

\$		PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	000000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	\$
	\$				

1112345678901234567890123456789012345678901234567

VAX-11 Bliss-32 V4.0-742 [CLIUTL.SRC]SETPODISP.B32;1

Page 1

MODULE setpO\$disp (IDENT = 'VO4-000', MAIN = setpO\$disp) = BEGIN

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FACILITY: SET Command (SETPO.EXE)

ABSTRACT:

:

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This is the main option dispatcher for all options handled by the SETPO image which completely resides is the PO region, stack and all, in order to map certain sections into P1 space.

ENVIRONMENT:

VAX/VMS operating system. unprivileged user mode,

AUTHOR: Tim Halvorsen, Dec 1979

Modified by:

V03-003 AEW0001 Anne E. Warner 20-Jul-1984
Turn on the capability to report messages which was originally supressed.

V03-002 BLS0291 Benn Schreiber 24-MAR-1984
Move SET PASSWORD here from SET.

V03-001 GAS0112 Gerry Smith 29-Mar-1983 Use new CLI interface.

SETPO\$D1SP V04-000		L 13 16-Sep-1984 00:37:26 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:09:12 [CLIUTL.SRC]SETPODISP.832;1	Page (1)
58 59 60 61 62 63	0058 1 ! O059 1 ! Include files 0060 1 ! O061 1 O062 1 LIBRARY 'SYS\$LIBRARY:STARLET.L32'; 0063 1		

(2)

Page

SETPOSDISP VO4-000

; 122

0121 1

password);

N 13 16-Sep-1984 00:37:26 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:09:12 [CLIUTL.SRC]SETPODISP.832:1

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SETPOSDISP VO4-000	B 14 16-Sep-1984 00:37:26 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:09:12 [CLIUTL.SRC]SETPODISP.B32:1	Page 5
124 125 126 127 128 129 131 133 135 136 137 138 139 141 142 143 144 145 146 147	O122 1 ROUTINE handler (sigargs, mechargs) = 0123 2 EBGIN 10126 2 1 0127 2 1 This routine is a condition handler established by the main 10128 2 1 0128 2 1 0139 2 1 0130 2 1 0131 2 1 0131 2 1 0131 3 2 1 0131 4 2 1 0131 5 2 1 0131 6 2 1 0132 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	.TITLE SETPOSDISP .IDENT \V04-000\ .PSECT \$OWN\$,NOEXE,2 53 53 45 4D 00000 SET_OPTION: .ASCII \MESS\ .ASCII \PASS\ 00000000G 00000000G 00008 SET_ROUTINE: .ADDRESS SET\$MESSAGE, SET\$PASSWORD .PSECT \$GLOBAL\$,NOEXE,2 00000001 00000 SETPO\$L_STATUS:: .LONG 1 .EXTRN CLI\$GET_VALUE, SET\$MESSAGE .EXTRN SET\$PASSWORD	:
	.PSECT \$CODE\$,NOWRT,2 0004 00000 HANDLER:.WORD Save R2 52 0000' CF 9E 00002 MOVAB SETPO\$L_STATUS, R2 01 04 C1 00007 ADDL3 #4, SIGARGS, R0 01 62 D1 0000C CMPL SETPO\$L_STATUS, #1 03 12 0000F BNEQ 1\$ 62 60 D0 00011 MOVL (R0), SETPO\$L_STATUS 05 60 E8 00014 1\$: BLBS (R0), 2\$	0122 0136 0139 0140 0142

SETPO\$DISP V04-000					C 14 16-Sep-1984 00:37:26 14-Sep-1984 12:09:12	VAX-11 Bliss-32 V4.0-742 [CLIUTL.SRC]SETPODISP.B32;1	Page 6
51 51	62	03 03		00 00 03	EF 00017 EXTZV #0.	#3. SETPO\$L_STATUS, R1 #3, (RO), RT	: 0144
		62 50	0918	60 8F	EF 00017 ED 0001C 1B 00021 DO 00023 3C 00026 28: MOVZWL #2328	SETPOSL_STATUS B, RO	: 0145 : 0147 : 0148

; Routine Size: 44 bytes, Routine Base: \$CODE\$ + 0000

```
SETPO$DISP
V04-000
                                                                     16-Sep-1984 00:37:26
14-Sep-1984 12:09:12
                                                                                               VAX-11 Bliss-32 V4.0-742 [CLIUTL.SRC]SETPODISP.832;1
   ROUTINE setp0$disp =
                                                                     ! Main dispatching routine
functional description
                                  This routine decodes the set option and dispatches to the option specific routine.
                            Calling sequence
                                  Called from the Command Language Interpreter
                 0160
                            Input parameters
                                  None
                            Output parameters
                                  None
                            Routine value
                                  Error returned from option routine or SS$_NORMAL.
                          BEGIN
                          LOCAL
                              desc : BLOCK[dsc$c_s_bln,BYTE],
                                                                     ! Option descriptor
                              status;
                                                                     ! status code
                          ENABLE handler:
                                                                             ! Enable the condition handler
                            Get option, and dispatch to it
                          $init_dyndesc(desc);
If NOT (status = cli$get_value(%ASCID 'OPTION', desc))
                          THEN RETURN . status;
                          desc[dsc$w_length] = MINU (.desc[dsc$w_length], 4);
                          INCR index FROM 0 TO set_table_length - 1 DO
                              BEGIN
                                  (.set_routine[.index])();
EXITLOOP
                                  END:
                              END:
                          RETURN (.setp0$l_status );
                                                                    ! Exit with message
                          END:
```

SE	TP0	\$D	1	S
VO	4-0	00		

E 14 16-Sep-1984 00:37:26 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:09:12 [CLIUTL.SRC]SETPODISP.B32;1

.PSECT \$PLIT\$, NOWRT, NOEXE, 2

00 00 4E 4F 49 54 50 4F 00000 P.AAB: .ASCII \OPTION\<0><0>
010E0006 00008 P.AAA: .LONG 17694726
00000000 0000C .ADDRESS P.AAB

.PSECT \$CODE\$, NOWRT, 2

				00	10 00000	SETPOSDISP:	Caus D2 D7 D/	. 01/0
		SE 6D	020E0000 04	O4 CF 8F AE SE CF	02 00002 0E 00005 0D 0000A 04 00010 0D 00013 9F 00015	DITCHI	44.4.71044	0149 0175 0186
	0000G	CF 31 50	0000	CF 02 50 6E	FB 00019 E9 0001E SC 00021	CLRL PUSHL PUSHA CALLS BLBC MOVZW CMPW BLEQU	DESC+4 SP B P.AAA #2, CLI\$GET_VALUE STATUS, 5\$ L DESC, RO	0187
		04 50 6E		02 50 650 04 50 50	31 00024 1B 00027 00 00029 30 00020 04 0002F	15: MOVW	RO, #4 1\$ #4, RO RO, DESC	0104
9E	08	BE	0000 0	F.44	OF 00031 29 00036	2\$: PUSHA CMPC3	INDEX SET_OPTION[INDEX] DESC, aDESC+4, a(SP)+	0194 0195
		50 60	0000.0	F44 [12 0003C 00 0003E FB 00044 11 00047	MOVL CALLS BRB	SET_ROUTINECINDEX], RO	0198
E4		54 50	0000	04 01 CF	3 00049 00 00040 04 00052	3\$: AOBLE	SETPOSL_STATUS, RO	0197 0192 0203 0205 0175
	FF72	7E CF	04	7E 1 5E 1 6 6 6 6 6 6 6 6 6	00 00053 04 00055 0D 00057 7D 00059 FB 0005D 04 00062	6\$: .WORD CLRL PUSHL MOVQ	Save nothing -(SP) SP 4(AP), -(SP) #3, HANDLER	0175

; Routine Size: 99 bytes, Routine Base: \$CODE\$ + 002C

SETPOSDISP V04-000 VAX-11 Bliss-32 V4.0-742 [CLIUTL.SRCJSETPODISP.B32;1 210 1 END 0 ELUDOM PSECT SUMMARY Name Attributes Bytes SGLOBALS SOWNS RD , NOEXE , NOSHR , RD , NOEXE , NOSHR , RD , EXE , NOSHR , RD , NOEXE , NOSHR LCL, LCL, LCL, CON, NOPIC, ALIGN(2) CON, NOPIC, ALIGN(2) CON, NOPIC, ALIGN(2) REL, REL, \$CODE\$ SPLITS NOVEC, NOWRT, CON, NOPIC, ALIGN(2) Library Statistics Symbols -----Processing Pages File Total Percent Mapped Loaded Time _\$255\$DUA28:[SYSLIB]STARLET.L32;1 9776 13 581 0 00:01.0 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS\$:SETPODISP/OBJ=OBJ\$:SETPODISP MSRC\$:SETPODISP/UPDATE=(ENH\$:SETPODISP) Size: 143 code + 36 data bytes
Run Time: 00:04.9
Elapsed Time: 00:20.8
Lines/CPU Min: 2529
Lexemes/CPU-Min: 14969
Memory Used: 54 pages
Compilation Complete

(5)

0053 AH-BT13A-SE

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